

# R100

# SERIES

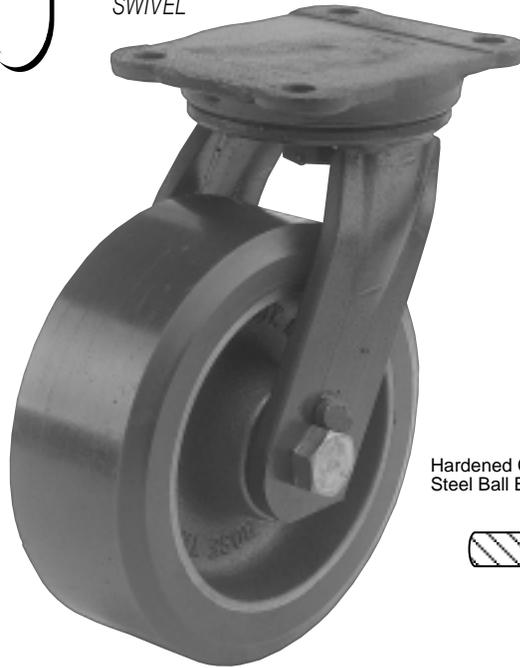
Heavy Duty  
Forged Steel

Load Capacity: 540 lbs. - 3,500 lbs.

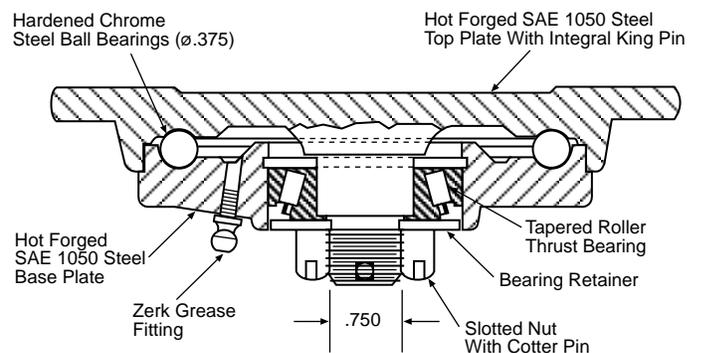
## Quality Features

- INTEGRALLY FORGED KING PIN.**  
 King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**  
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 3/8" hardened chrome steel load bearings and tapered thrust bearing.
- FLAMED HARDENED SWIVEL RACEWAY.**  
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- EMBOSSSED AND WELDED FORK LEGS.**  
 Extra-wide side forks are heavily embossed and continuously welded on for added strength.
- LOCKED WHEEL AXLE.**  
 Wheel axle is locked in position with indexing lance in side fork to prevent unwanted movement.

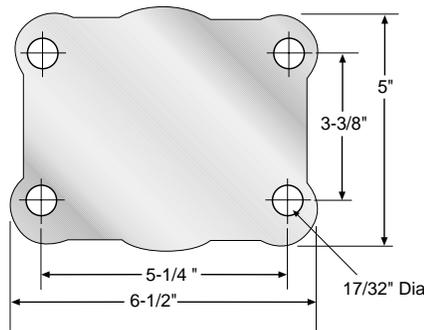
SWIVEL



### SWIVEL BEARING RACEWAY R100 SERIES

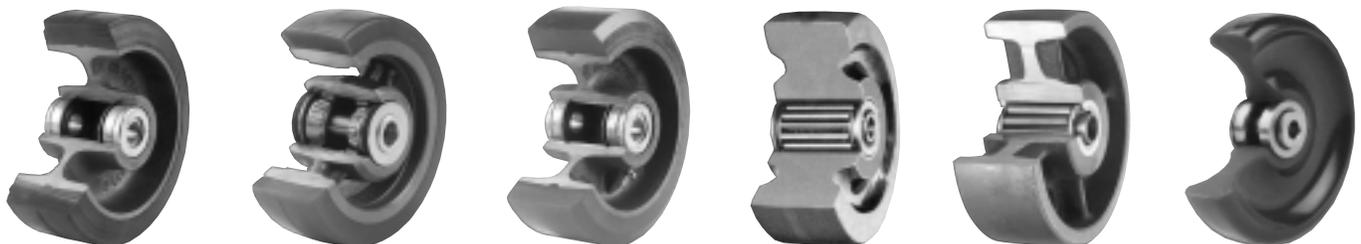


### TOP PLATE



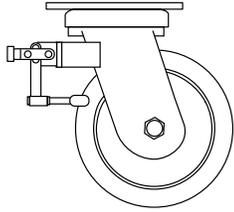
### Wheel Selection

CAST IRON HUB	CAST IRON HUB	CAST IRON HUB	PHENOLIC	CAST IRON	ADVANCED ELASTOMER
MOLD-ON RUBBER	MOLD-ON POLYURETHANE	MOLD-ON SOFT POLY			



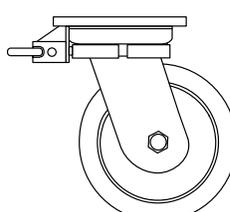
# BRAKES

## Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with tread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

## Medium Duty Swivel Lock



This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the medium duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
		LBS					LBS				
<b>5</b>	<b>2½</b>	<b>1800</b>	CAST IRON	TAPERED ROLLER	SC-100-51-CI	RC-100-51-CI	18-7/10	7	5-1/8		
					SC-100-52-CI	RC-100-52-CI	19	7-1/2	4-7/16		
<b>6</b>	<b>2½</b>	<b>540</b>	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-6-RS	RC-100-6-RS	17-2/5	7-1/2	5-5/8		
			SOFT POLY / CAST IRON HUB		SC-100-62-RS	RC-100-62-RS	17-3/5	8	4-7/16		
		<b>1600</b>	ADVANCED ELASTOMER		PRECISION BALL	SC-100-6-PS8	RC-100-6-PS8	19-1/2	7-1/2	5-5/8	
					ROLLER	SC-100-62-PS8	RC-100-62-PS8	19-7/10	8	4-7/16	
			PHENOLIC	SC-100-6-PXAE	RC-100-6-PXAE	19-1/2	7-1/2	5-5/8			
				SC-100-62-PXAE	RC-100-62-PXAE	19-7/10	8	4-7/16			
		POLYURETHANE / CAST IRON HUB	SC-100-6-TAE	RC-100-6-TAE	19-1/2	7-1/2	5-5/8				
			SC-100-62-TAE	RC-100-62-TAE	19-7/10	8	4-7/16				
	<b>3</b>	<b>3000</b>	CAST IRON	TAPERED ROLLER	SC-100-6-PR	RC-100-6-PR	13-9/10	7-1/2	5-5/8		
					SC-100-62-PR	RC-100-62-PR	14-1/5	8	4-7/16		
		MOLD-ON RUBBER	SC-100-6-PS		RC-100-6-PS	19-1/2	7-1/2	5-5/8			
			SC-100-62-PS		RC-100-62-PS	19-7/10	8	4-7/16			
		SOFT POLY / CAST IRON HUB	SC-100-6-CI		RC-100-6-CI	21-1/5	7-1/2	5-5/8			
			SC-100-62-CI		RC-100-62-CI	21-1/2	8	4-7/16			
		PHENOLIC	SC-100-63-RS		RC-100-63-RS	21-3/5	9-1/2	5-1/2			
			SC-100-63-PS8		RC-100-63-PS8	23-7/10					
POLYURETHANE / CAST IRON HUB	SC-100-63-PR	RC-100-63-PR	15-3/5								
	SC-100-63-PS	RC-100-63-PS	23-7/10								
<b>3100</b>	CAST IRON	SC-100-63-CI	RC-100-63-CI	25-2/5							
<b>8</b>	<b>3</b>	<b>840</b>	MOLD-ON RUBBER*	TAPERED ROLLER	SC-100-7-RS	RC-100-7-RS			29-1/10	10-1/2	6-1/2
			MOLD-ON RUBBER		SC-100-73-RS	RC-100-73-RS			29-1/2	11-1/2	
		<b>2050</b>	SOFT POLY / CAST IRON HUB*		SC-100-8-RS	RC-100-8-RS			23-7/10	10-1/2	
			SOFT POLY / CAST IRON HUB		SC-100-83-RS	RC-100-83-RS	24-1/5	11-1/2			
		<b>2500</b>	PHENOLIC		SC-100-7-PS8	RC-100-7-PS8	31-1/10	10-1/2			
					SC-100-73-PS8	RC-100-73-PS8	30-2/5	11-1/2			
			POLYURETHANE / CAST IRON HUB*		SC-100-8-PS8	RC-100-8-PS8	25-2/5	10-1/2			
					SC-100-83-PS8	RC-100-83-PS8	25-4/5	11-1/2			
		<b>3200</b>	CAST IRON		SC-100-8-PR	RC-100-8-PR	17-1/2	10-1/2			
					SC-100-83-PR	RC-100-83-PR	18	11-1/2			
		SC-100-7-PS	RC-100-7-PS		31-1/10	10-1/2					
		SC-100-73-PS	RC-100-73-PS		30-2/5	11-1/2					
		SC-100-8-PS	RC-100-8-PS		25-2/5	10-1/2					
		SC-100-83-PS	RC-100-83-PS		25-4/5	11-1/2					
SC-100-8-CI	RC-100-8-CI	29-3/10	10-1/2								
SC-100-83-CI	RC-100-83-CI	29-4/5	11-1/2								
<b>10</b>	<b>3</b>	<b>1000</b>	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-10-RS	RC-100-10-RS	34-7/10	12-1/2	7-1/2		
			MOLD-ON RUBBER*		SC-100-11-RS	RC-100-11-RS	35-1/5	13-1/2	8-1/2		
		<b>2400</b>	SOFT POLY / CAST IRON HUB		SC-100-9-RS	RC-100-9-RS	34-7/10	12-1/2	7-1/2		
			SOFT POLY / CAST IRON HUB*		SC-100-93-RS	RC-100-93-RS	35-1/5	13-1/2	8-1/2		
		<b>2600</b>	POLYURETHANE / CAST IRON HUB		SC-100-10-PS8	RC-100-10-PS8	37-1/5	12-1/2	7-1/2		
			POLYURETHANE / CAST IRON HUB*		SC-100-11-PS8	RC-100-11-PS8	37-1/2	13-1/2	8-1/2		
		<b>2900</b>	PHENOLIC		SC-100-9-PS8	RC-100-9-PS8	36-2/5	12-1/2	7-1/2		
					SC-100-93-PS8	RC-100-93-PS8	36-1/2	13-1/2	8-1/2		
			CAST IRON		SC-100-10-PS	RC-100-10-PS	37-1/5	12-1/2	7-1/2		
					SC-100-11-PS	RC-100-11-PS	37-1/2	13-1/2	8-1/2		
			SC-100-9-PS		RC-100-9-PS	36-2/5	12-1/2	7-1/2			
					SC-100-93-PS	RC-100-93-PS	36-1/2	13-1/2	8-1/2		
		SC-100-10-PR	RC-100-10-PR		21-1/10	12-1/2	7-1/2				
		SC-100-11-PR	RC-100-11-PR		21-3/5	13-1/2	8-1/2				
SC-100-10-CI	RC-100-10-CI	34-3/5	12-1/2	7-1/2							
SC-100-11-CI	RC-100-11-CI	35-1/10	13-1/2	8-1/2							
<b>12</b>	<b>3</b>	<b>1140</b>	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-12-RS	RC-100-12-RS	36-9/10	14-1/2	9-1/2		
			SOFT POLY / CAST IRON HUB		SC-100-12-PS8	RC-100-12-PS8	39-7/10				
		PHENOLIC	SC-100-12-PR		RC-100-12-PR	24-4/5					
		POLYURETHANE / CAST IRON HUB	SC-100-12-PS		RC-100-12-PS	39-7/10					